

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Recompletion Date _____ Date Reached TD _____ Completion Date or Recompletion Date _____

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	DEANNA 1-1
Doc ID	1712828

Tops

Name	Top	Datum
Anhydrite	1649	466
Base	1685	430
Topeka	3088	-973
Heebner	3297	-1182
Toronto	3317	-1202
Lansing	3330	-1215
BKC	3539	-1424
Arbuckle	3672	-1557
RTD	3700	-1585



Services, Inc.

CHARGE TO: American Warrior Inc
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

TICKET **35984**

1. Hayes, KS
 2. Ness City, KS
 3. _____
 4. _____

PAGE 1 OF 1

WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
<u>1-1</u>	<u>Deanna</u>	<u>Corburn</u>	<u>KS</u>	<u>Location</u>	<u>04/21/23</u>	<u>Same</u>
TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	
<u>Discovery Drilling</u>	<u>Discovery Drilling</u>	<u>#14</u>	<u>CT</u>	<u>Location</u>		
WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
<u>Oil</u>	<u>Development</u>	<u>Cement Surface Pipe</u>				
INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE #	QTY. U/M			UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M	QTY.		
<u>575</u>		<u>1</u>			<u>Pump Charge - Shallow Surface</u>	<u>114</u>	<u>1</u>	<u>EA</u>		<u>1200</u>	<u>1200</u>
<u>290</u>		<u>1</u>			<u>D-Air</u>		<u>2</u>	<u>gal</u>		<u>42</u>	<u>84</u>
<u>325</u>		<u>2</u>			<u>Standard Cement</u>		<u>170</u>	<u>SKS</u>		<u>16</u>	<u>2720</u>
<u>278</u>		<u>2</u>			<u>Calcium Chloride</u>		<u>8</u>	<u>SKS</u>		<u>55</u>	<u>440</u>
<u>274</u>		<u>2</u>			<u>Bentonite Gel</u>		<u>6</u>	<u>SKS</u>		<u>58</u>	<u>300</u>
<u>581</u>		<u>2</u>			<u>Service Charge Cement</u>		<u>170</u>	<u>SKS</u>		<u>2</u>	<u>340</u>
<u>583</u>		<u>2</u>			<u>Drayage</u>		<u>500</u>	<u>407M</u>		<u>1</u>	<u>500</u>

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

X

DATE SIGNED _____ TIME SIGNED _____
 A.M. P.M.

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL 6664.40
 TOTAL 6380.80

SWIFT OPERATOR [Signature] APPROVAL [Signature]
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE	PAGE NO.
04/21/23	1
TICKET NO.	
35904	

CUSTOMER	WELL NO.	LEASE	JOB TYPE
American Warrior Inc	L-1	Deanna	Surface

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1730							On location, set up trucks
								218' of 8 5/8" x 24"
	1810							Break Circulation
	1820							Hook up to Swift
	1835	3	5					Pump Water ahead
	1830	5	41					Pump Cement
		5	12 3/4					Pump Displacement
								Cement Circulated to Surface
	1845							Shut Down, Shut In
								Wash up truck
								Rack up
	1900							Job Complete
								Thanks
								Jon, Joe, + Brett



CHARGE TO: American Warrior Trac
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 35986

CITY, STATE, ZIP CODE

PAGE 1 OF 1

1. SERVICE LOCATIONS Hays, KS

2. WELL/PROJECT NO. 1-1 LEASE Deanna COUNTY/PARISH Graham STATE KS CITY DATE 04/26/23 OWNER Same

3. TICKET TYPE SERVICE SALES CONTRACTOR Discovery Drilling Trac RIG NAME/NO. Rig 4 SHIPPED VIA CT DELIVERED TO Location ORDER NO.

4. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Plug to Abandon WELL PERMIT NO. WELL LOCATION

REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT					
575		1		MILEAGE #114	60	mi	8.00	480.00
576P		1		Pump Charge - P-TA	1	EA	1200.00	1200.00
290		1		D-Air	3	gal	42.00	126.00
328-4		2		60/46 Pozmix (496 Gal)	305	SKS	13.00	3965.00
276		2		Fluocel	75	lbs	4.00	300.00
581		2		Service Charge Cement	2		2.00	4.00
583		2		Drayage	770	19 TON	1.00	770.00

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MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

X

DATE SIGNED

TIME SIGNED

A.M.
 P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL

Graham

TOTAL

7325.14
 4457.19
 770.00
 770.00
 7180.52

SWIFT OPERATOR

[Signature]

APPROVAL

[Signature]

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 04/26/23	PAGE NO. 1
TICKET NO. 35986	

CUSTOMER American Warrior Inc	WELL NO. 1-1	LEASE Deanna	JOB TYPE DTA
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0700							On location, set up trucks
	0715	4	10					1 st Plug - 3652'
		4	13					Pump water ahead
		4	4					Pump 50 SKS Cmt
	0730	8	40					Pump water behind
								Use Rig to pump Mud
	0900	4	10					2 nd Plug - 1700'
		4	13					Pump water ahead
		4	4					Pump 50 SKS Cmt
		8	10					Pump water Behind
								Use Rig to Pump Mud
	0930	4	5					3 rd Plug - 925'
		4	26					Pump water ahead
		4	5					Pump Cement - 100 SKS
								Pump water to Displace
	1005	4	2					4 th Plug - 275'
		4	13					Pump water ahead
		4	2					Pump 50 SKS Cmt
								Pump water to Displace
		2	3					5 th Plug - 40'
								Pump 10 SKS
		2	8					Plug Rathole w/30 SKS
		2	4					Plug Mousehole w/15 SKS
	1040							Wash up
								Rack up
	1105							Job Complete

Thanks
Jon, Joe, & Brett



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO BOX 399
 Garden City KS 67846+0399
 ATTN: Jason Alm

1-8s-22w Graham KS
Deanna #1-1
 Job Ticket: 71501 **DST#: 1**
 Test Start: 2023.04.24 @ 11:27:00

GENERAL INFORMATION:

Formation: **LKC C-F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:22:07
 Time Test Ended: 18:24:07
 Interval: **3357.00 ft (KB) To 3420.00 ft (KB) (TVD)**
 Total Depth: 3420.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2115.00 ft (KB)
 2107.00 ft (CF)
 KB to GR/CF: 8.00 ft

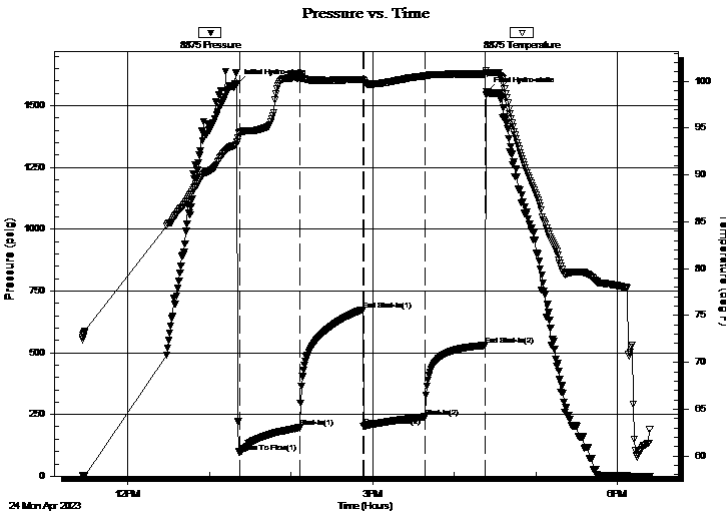
Serial #: 8875

Inside

Press@RunDepth: 240.82 psig @ 3360.00 ft (KB) Capacity: psig
 Start Date: 2023.04.24 End Date: 2023.04.24 Last Calib.: 2023.04.24
 Start Time: 11:27:01 End Time: 18:24:07 Time On Btm: 2023.04.24 @ 13:20:47
 Time Off Btm: 2023.04.24 @ 16:23:52

TEST COMMENT: 45-IF-BOB 40 mins Built to 13.5"
 45-ISI-No Return
 45-FF-BOB 43 mins Built to 12.25"
 45-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1590.00	93.56	Initial Hydro-static
2	96.94	94.51	Open To Flow (1)
46	196.49	100.33	Shut-In(1)
93	673.98	100.17	End Shut-In(1)
93	202.84	100.02	Open To Flow (2)
138	240.82	100.56	Shut-In(2)
182	529.17	100.80	End Shut-In(2)
184	1556.29	100.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
225.00	MCW 20%M 80%W	2.91
250.00	SWCM 5%W 95%M	3.54
0.00	RW=.131@55F=76,000	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc
PO BOX 399
Garden City KS 67846+0399
ATTN: Jason Alm

1-8s-22w Graham KS
Deanna #1-1
Job Ticket: 71501 **DST#: 1**
Test Start: 2023.04.24 @ 11:27:00

Mud and Cushion Information

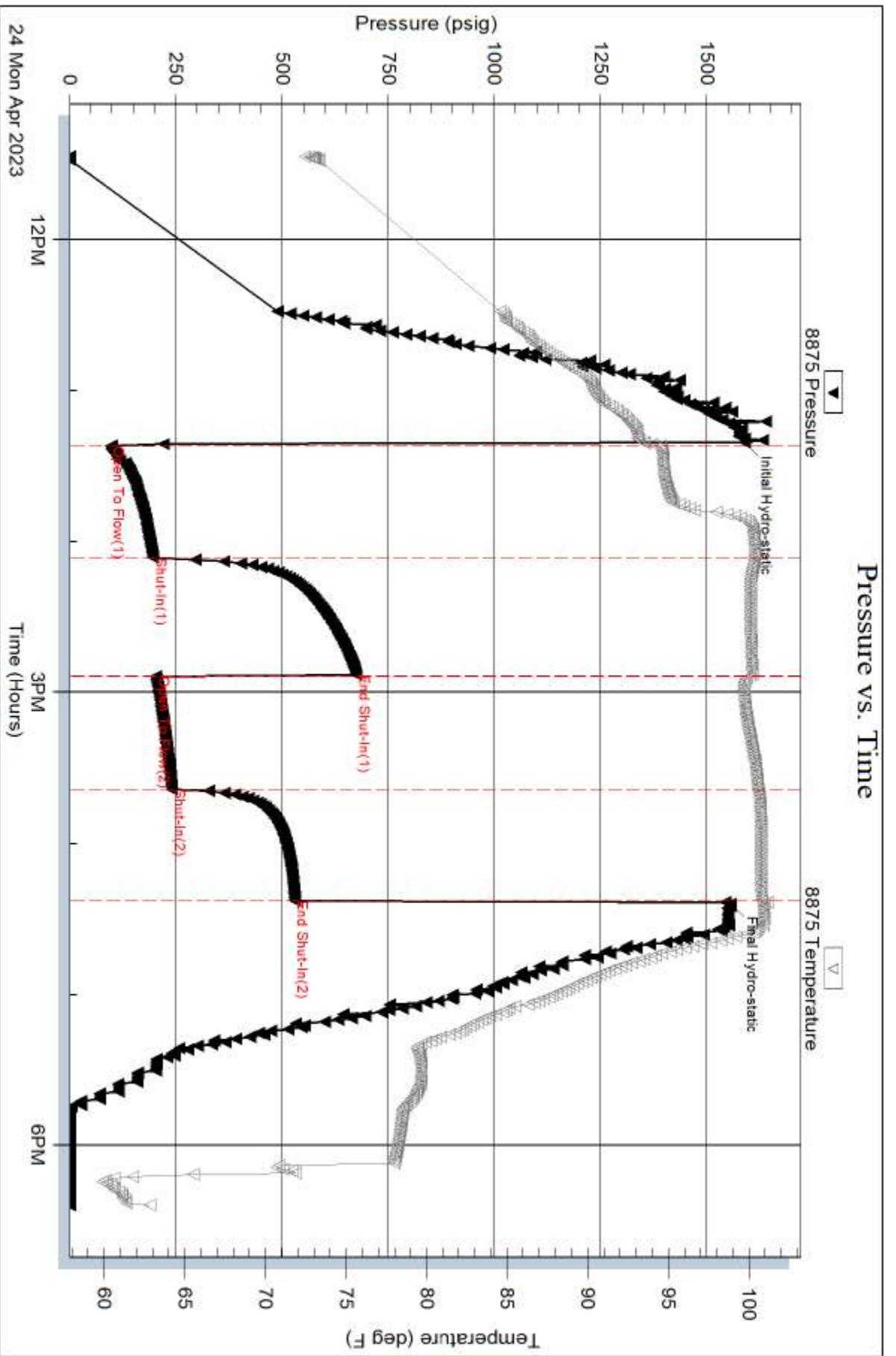
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 76000 ppm	
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
225.00	MCW 20%M 80%W	2.912
250.00	SWCM 5%W 95%M	3.544
0.00	RW=.131@55F=76,000	0.000

Total Length: 475.00 ft Total Volume: 6.456 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 2#LCM
RW=.131@55F



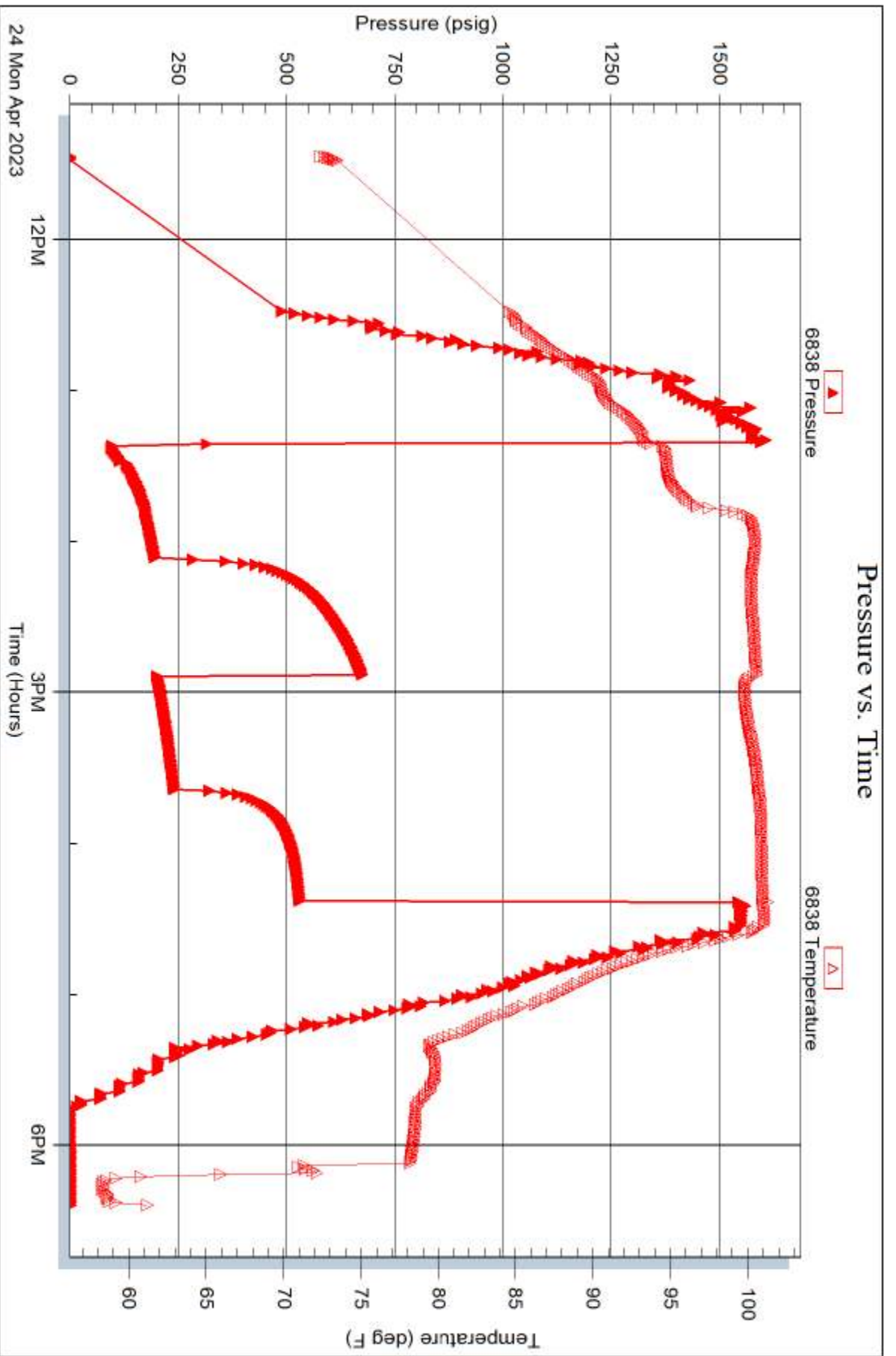
Serial #: 6838

Inside

American Warrior Inc

Deanna #1-1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 71501

Printed: 2023.04.24 @ 20:42:24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior Inc
 PO BOX 399
 Garden City KS 67846+0399
 ATTN: Jason Alm

1-8s-22w Graham KS
Deanna #1-1
 Job Ticket: 71502 **DST#: 2**
 Test Start: 2023.04.25 @ 06:58:00

GENERAL INFORMATION:

Formation: **LKC I-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:59:47
 Time Test Ended: 13:34:27
 Interval: **3467.00 ft (KB) To 3535.00 ft (KB) (TVD)**
 Total Depth: 3535.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2115.00 ft (KB)
 2107.00 ft (CF)
 KB to GR/CF: 8.00 ft

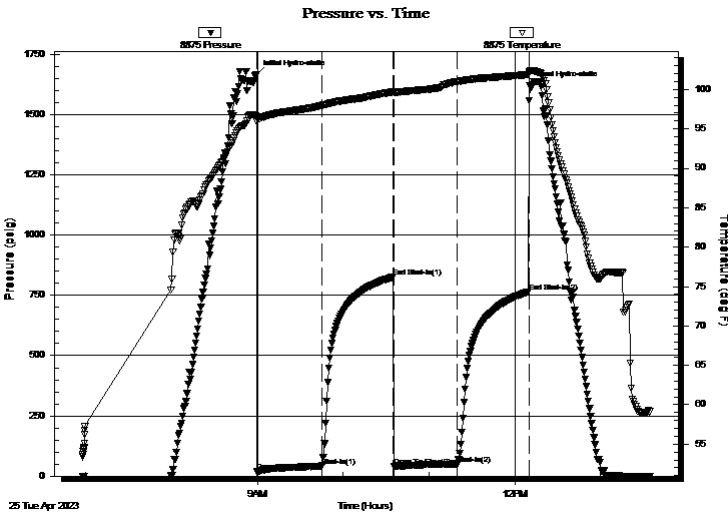
Serial #: 8875

Inside

Press@RunDepth: 51.05 psig @ 3470.00 ft (KB) Capacity: psig
 Start Date: 2023.04.25 End Date: 2023.04.25 Last Calib.: 2023.04.25
 Start Time: 06:58:01 End Time: 13:34:27 Time On Btm: 2023.04.25 @ 08:59:42
 Time Off Btm: 2023.04.25 @ 12:10:22

TEST COMMENT: 45-IF-Surface to 5"
 45-ISI-No Return
 45-FF-Surface to 3"
 45-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.62	96.58	Initial Hydro-static
1	18.05	95.93	Open To Flow (1)
46	40.65	97.96	Shut-In(1)
96	825.78	99.69	End Shut-In(1)
96	41.92	99.62	Open To Flow (2)
141	51.05	100.95	Shut-In(2)
191	765.70	101.91	End Shut-In(2)
191	1618.06	102.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	V/SWCM w/ oil spots 2%W 98%M	0.79

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (MMcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior Inc

1-8s-22w Graham KS

PO BOX 399
Garden City KS 67846+0399

Deanna #1-1

Job Ticket: 71502

DST#: 2

ATTN: Jason Alm

Test Start: 2023.04.25 @ 06:58:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	VSWCM w / oil spots 2%W 98%M	0.785

Total Length: 75.00 ft Total Volume: 0.785 bbl

Num Fluid Samples: 0

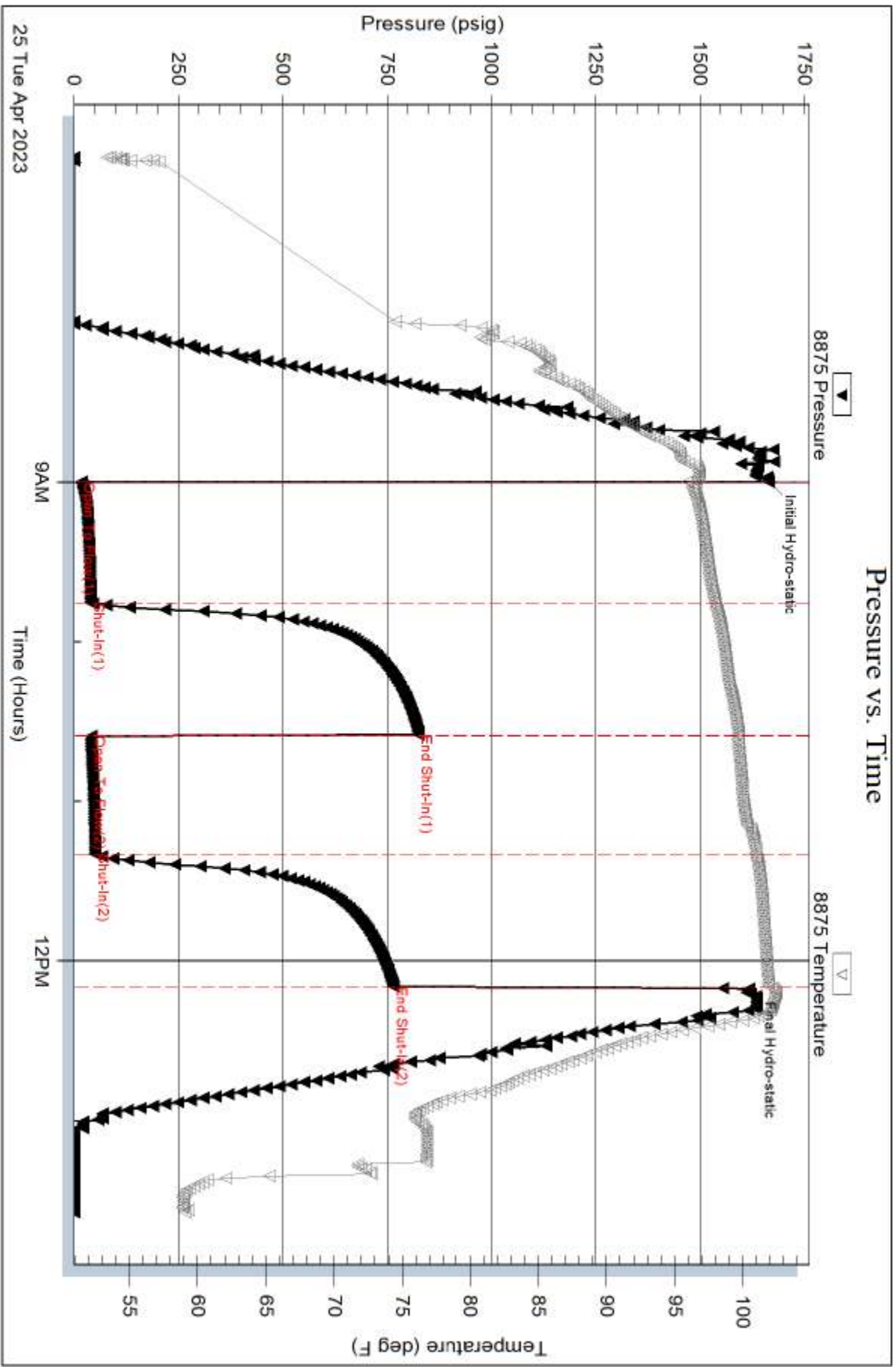
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM



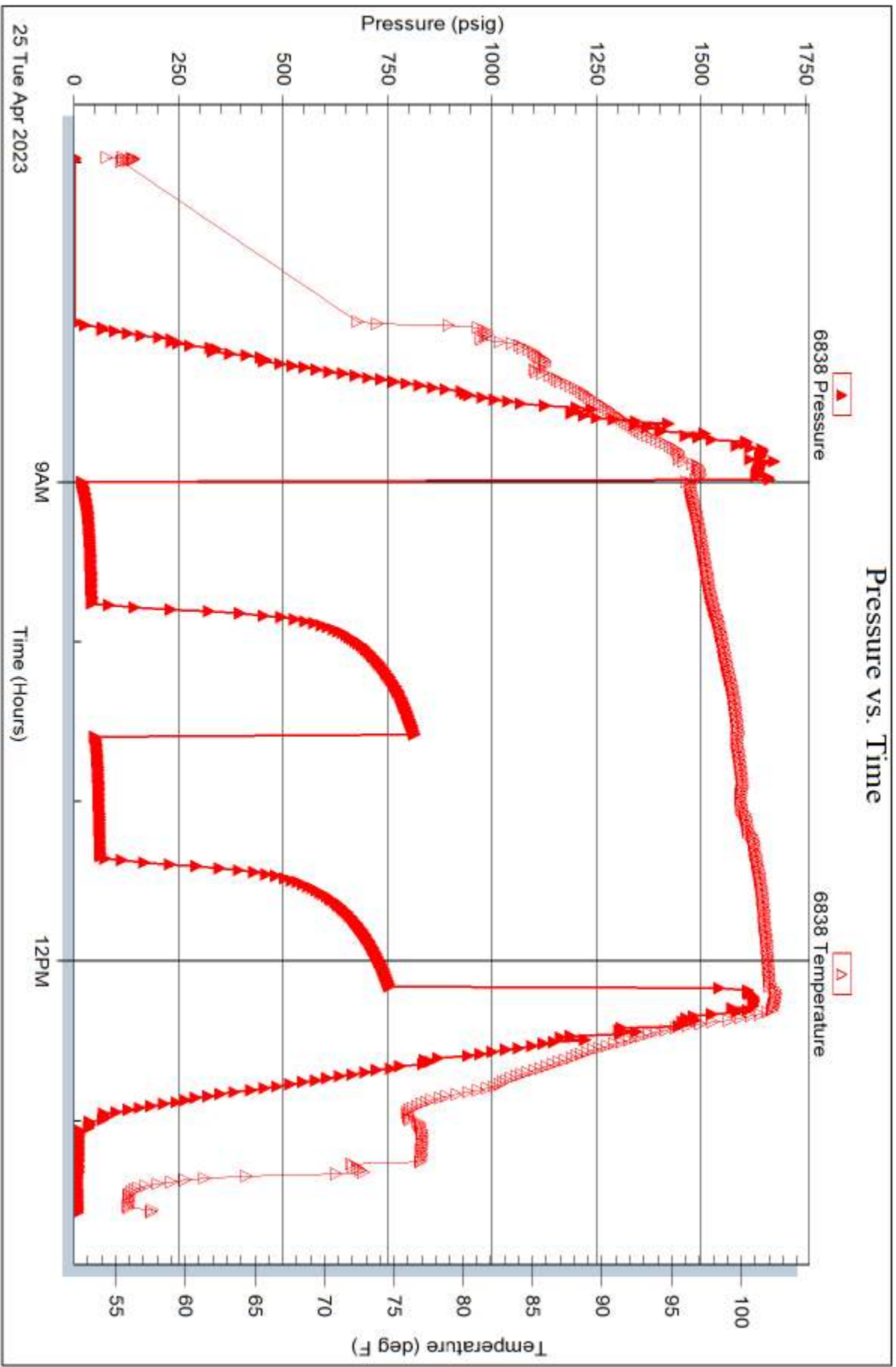
Serial #: 6838

Inside

American Warrior Inc

Deanna #1-1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 71502

Printed: 2023.04.25 @ 16:36:27

Geological Report

Deanna #1-1

903' FSL & 2326' FEL

Sec. 1 T8s R22w

Graham County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Deanna #1-1
903' FSL & 2326' FEL
Sec. 1 T8s R22w
Graham County, Kansas
API # 15-065-24244-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #4

Geologist: Jason T Alm

Spud Date: April 21, 2023

Completion Date: April 26, 2023

Elevation: 2107' Ground Level
2115' Kelly Bushing

Directions: Bogue KS, from the intersection of hwy 18 & 24.
West 2 mi, north on lease road, north into location

Casing: 219' 8 5/8" surface casing

Samples: 10' wet and dry, 3050' to RTD

Drilling Time: 2900' to RTD

Electric Logs: None

Drillstem Tests: Two, Trilobite Testing, Inc. "Spencer Staab"

Problems: None

Remarks: None

Formation Tops

Formation	American Warrior, Inc. Deanna #1-1 Sec. 1 T8s R22w 903' FSL & 2326' FEL
Anhydrite	1649' +466
Base	1685' +430
Topeka	3088' -973
Heebner	3297' -1182
Toronto	3317' -1202
Lansing	3330' -1215
BKC	3539' -1424
Arbuckle	3672' -1557
RTD	3700' -1585

Sample Zone Descriptions

- LKC C** **(3368' -1253): Covered in DST #1**
 Ls – Fine crystalline with fair scattered pinpoint vuggy and vuggy porosity, light to fair oil stain in porosity, few rocks with light saturation, light odor, dull yellow fluorescents.
- LKC D** **(3386' -1271): Covered in DST #1**
 Ls – Fine crystalline with poor pinpoint inter-crystalline porosity, few rocks with light oil stain, mostly barren, much chert.
- LKC E** **(3404' -1289): Covered in DST #1**
 Ls – Fine crystalline, oolitic packstone with poor to fair oolitic porosity, light oil stain in porosity, slight show of free oil when broken, light odor, fair yellow fluorescents.
- LKC F** **(3412' -1297): Covered in DST #1**
 Ls – Fine crystalline, oolitic in part with fair oolitic and fair to good vuggy porosity, light spotted oil stain in porosity, slight show of free oil on cup, light odor, dull yellow fluorescents, very chalky.
- LKC I** **(3488' -1373): Covered in DST #2**
 Ls – Fine crystalline, oolitic packstone in part with poor to fair oolitic porosity, light to fair oil stain, few rocks with light saturation, slight show of free oil on cup, light odor, fair yellow fluorescents.

LKC J (3497' -1382): Covered in DST #2
 Ls – Fine crystalline with scattered poor pinpoint inter-crystalline and vuggy porosity, light to fair oil stain, few rocks with fair saturation, mostly dense, fair yellow fluor.

LKC K (3518' -1403): Covered in DST #2
 Ls – Fine crystalline with scattered poor to fair vuggy and pinpoint vuggy porosity, light to fair oil stain, slight to fair show of free oil when broken and on cup, light odor, fair yellow fluorescents.

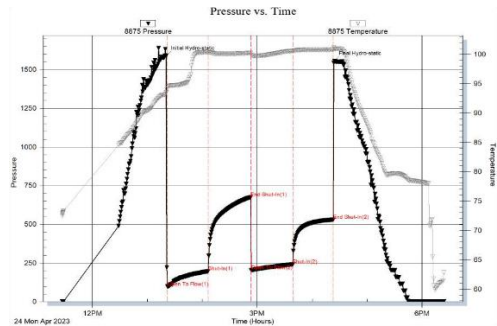
Drill Stem Tests
 Trilobite Testing, Inc.
 “Spencer Staab”

DST #1 LKC C thru F

Interval (3357' – 3420') Anchor Length 63'

IHP	– 1590 #	
IFP	– 45” – BOB 40 min	96-196 #
ISI	– 45” – Dead	674 #
FFP	– 45” – BOB 43 min	202-241 #
FSI	– 45” – Dead	529 #
FHP	– 1556 #	
BHT	– 100°F	

Recovery:	225' MCW	80% Water
	250' SWCM	5% Water

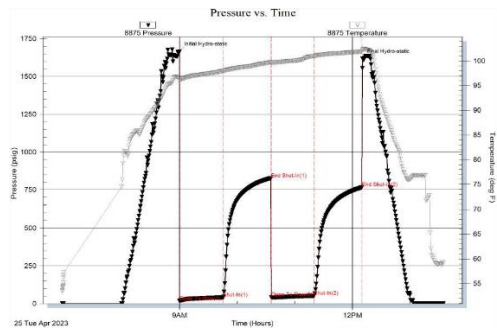


DST #2 LKC I thru J

Interval (3467' – 3535') Anchor Length 68'

IHP	– 1666 #	
IFP	– 45” – Built to 5 in	18-41 #
ISI	– 45” – Dead	826 #
FFP	– 45” – Built to 3 in	41-51 #
FSI	– 45” – Dead	766 #
FHP	– 1618 #	
BHT	– 100°F	

Recovery:	225' MCW	80% Water
	250' SWCM	5% Water



Structural Comparison

	American Warrior, Inc. Deanna #1-1 Sec. 1 T8s R22w 903' FSL & 2326' FEL	American Warrior, Inc. Miller #1-3 Sec. 1 T8s R22w 1840' FSL & 2150' FWL		American Warrior, Inc. Buckner-Alexander #1-1 Sec. 1 T8s R22w 2650' FSL & 2100' FEL	
Formation					
Anhydrite	1649' +466	(+461)	(+5)	(+462)	(+4)
Base	1685' +430	(+432)	(-2)	(+428)	(+2)
Topeka	3088' -973	-967	(-6)	-969	(-4)
Heebner	3297' -1182	-1179	(-3)	-1179	(-3)
Toronto	3317' -1202	-1200	(-2)	-1201	(-1)
Lansing	3330' -1215	-1213	(-2)	-1212	(-3)
BKC	3539' -1424	-1413	(-11)	-1412	(-12)
Arbuckle	3672' -1557	-1519	(-38)	-1509	(-48)

Summary

The location for the Deanna #1-1 was found via 3-D seismic survey. The new well ran structurally lower than expected via the survey. Two Drill Stem Tests were conducted, both of which were negative. After all gathered data had been examined the decision was made to plug and abandon the Deanna #1-1 well.

Respectfully Submitted,

Jason T Alm
Hard Rock Consulting, Inc.